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Amendment of the claims under Article 19(1) (Rule 46)

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Dear Sirs:

The Applicant, who received the International Search Report and the Written Opinion of the International Searching Authority relating to the above-identified International Application transmitted on April 20, 2004, hereby files amendment under Article 19(1) as in the attached sheets.

In claims 1, 7, 12, 22 and 28, "a recording apparatus are directly connected" is amended to – a recording apparatus communicate with each other --, respectively. All the remaining claims are retained unchanged.

Very truly yours,

H. Minami for

Yasunori Ohtsuka
Patent Attorney

HM/bea
Attachment: Amendment under Article 19(1) 11 sheets
(Substitutive pages 47 to 57)

CLAIMS

1. (Amended) An image supply device used in a recording system in which the image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, characterized by comprising:

reception means for receiving status information from the recording apparatus;

determination means for determining whether said reception means has received predetermined status information from the recording apparatus within a predetermined time period after the image supply device issues a predetermined command to the recording apparatus; and

process means for, in a case where said determination means determines that no predetermined status information has been received, determining a status as a status to be estimated from a normal process, and continuing a process.

2. The image supply device according to claim 1, wherein when said determination means determines that no predetermined status information has been received after the predetermined command is issued, said process means estimates that the recording apparatus cannot receive a next command, and continues the process.

3. The image supply device according to claim 1, further comprising:

display means for displaying a user interface image; and

UI change means for changing the user interface image displayed on said display means in accordance with the status information received by said reception means.

4. The image supply device according to claim 1, further comprising request means for requesting the status information of the recording apparatus.

5. The image supply device according to claim 1, wherein the communication interface includes a USB.

6. The image supply device according to claim 1, wherein the image supply device includes a digital camera.

7. (Amended) A recording system in which an image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, comprising:

transmission means for transmitting status

information from the recording apparatus to the image supply device;

determination means for determining whether the image supply device has received predetermined status information within a predetermined time period after the image supply device issues a predetermined command to the recording apparatus; and

process means for, in a case where said determination means determines that no predetermined status information has been received, determining a status as a status estimated from a normal process, and continuing a process in the image supply device.

8. The recording system according to claim 7, wherein when said determination means determines that no predetermined status information has been received after the image supply device issues the predetermined command, said process means estimates that the recording apparatus cannot receive a next command, and continues the process in the image supply device.

9. The recording system according to claim 7, wherein the image supply device further comprises

display means for displaying a user interface image, and

UI change means for changing the user interface image displayed on said display means in accordance

with the status information received by said reception means.

10. The recording system according to claim 7, further comprising request means for requesting the status information of the recording apparatus by the image supply device.

11. The recording system according to claim 7, wherein the communication interface includes a USB.

12. (Amended) A control method in a recording system in which an image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, comprising:

a transmission step of transmitting status information from the image supply device to the recording apparatus;

a determination step of determining whether the image supply device has received predetermined status information within a predetermined time period after the image supply device issues a predetermined command to the recording apparatus in said transmission step; and

a process step of, in a case where it is

determined that no predetermined status information have been received in said determination step, determining a status as a status estimated from a normal process, and continuing a process in the image supply device.

13. The control method according to claim 12, further comprising:

a display step of displaying a user interface image; and

a UI change step of changing the user interface image displayed in said display step, in accordance with the status information received in said reception step.

14. An image supply device used in a recording system in which the image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, characterized by comprising:

command issuing means for issuing a predetermined command to the recording apparatus;

reception means for receiving a signal from the recording apparatus after said command issuing means issues the predetermined command;

determination means for determining whether the

signal received by said reception means is a response corresponding to the predetermined command; and

control means for controlling an issuing timing of a next command to the recording apparatus in a case where said determination means determines that the signal is not the response corresponding to the predetermined command.

15. The image supply device according to claim 14, wherein said control means delays the issuing timing of the next command by a predetermined time period.

16. The image supply device according to claim 15, wherein the predetermined time period is changed at random.

17. The image supply device according to claim 15, wherein the predetermined time period is updated every time said determination means determines that the signal is not the response corresponding to the predetermined command.

18. A recording apparatus used in a recording system in which an image supply device and the recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus

and recorded, characterized by comprising:

command issuing means for issuing a predetermined command to the image supply device;

reception means for receiving a signal from the image supply device after said command issuing means issues the predetermined command;

determination means for determining whether the signal received by said reception means is a response corresponding to the predetermined command; and

control means for controlling an issuing timing of a next command to the image supply device in a case where said determination means determines that the signal is not the response corresponding to the predetermined command.

19. The recording apparatus according to claim 18, wherein said control means delays the issuing timing of the next command by a predetermined time period.

20. The recording apparatus according to claim 18, wherein the predetermined time period is changed at random.

21. The recording apparatus according to claim 19, wherein the predetermined time period is updated every time said determination means determines that the signal is not the response corresponding to the

predetermined command.

22. (Amended) An image supply device used in a recording system in which the image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, characterized by comprising:

command issuing means for issuing a predetermined command to the recording apparatus;

reception means for receiving a signal from the recording apparatus after said command issuing means issues the predetermined command;

determination means for determining whether the signal received by said reception means is a response corresponding to the predetermined command; and

process means for continuing a process in a case where said determination means determines that the signal is the response corresponding to the predetermined command.

23. The image supply device according to claim 22, further comprising request means for requesting status information of the recording apparatus, in a case where said determination means determined that the signal is not the response corresponding to the predetermined command.

24. A control method for a recording system in which an image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, characterized by comprising:

a command issuing step of issuing a predetermined command between the image supply device and the recording apparatus;

a determination step of determining whether a signal received from a partner is a response corresponding to the predetermined command after the predetermined command is issued in said command issuing step; and

a change step of changing an issuing timing of a next command in at least one of the image supply device and the recording apparatus, in a case where it is determined that the signal is not the response corresponding to the predetermined command in said determination step.

25. The control method according to claim 24, wherein in said change step, the issuing timing of the next command is delayed by a predetermined time period.

26. The control method according to claim 25, wherein

the predetermined time period is changed at random.

27. The control method according to claim 25, wherein the predetermined time period is updated every time where it is determined that the signal is not the response corresponding to the predetermined command in said determination step.

28. (Amended) A control method for a recording system in which an image supply device and a recording apparatus communicate with each other via a communication interface, and image data is transmitted from the image supply device to the recording apparatus and recorded, characterized by comprising:

a command issuing step of issuing a predetermined command between the image supply device and the recording apparatus;

a determination step of determining whether a signal received from a partner is a response corresponding to the predetermined command after the predetermined command is issued in said command issuing step; and

a process step of continuing a process in a case where it is determined that the signal is the response corresponding to the predetermined command in said determination step.

29. The control method according to claim 28, further comprising a request step of requesting status information of the partner, in a case where it is determined that the signal is not the response corresponding to the predetermined command in said determination step.

30. A computer-readable storage medium characterized by storing a program which executes a recording system control method defined in claim 24.